



Application No. 10/626,654  
Amendment dated September 18, 2006  
Reply to Office Action of April 18, 2006

Docket No.: 0465-1041P

### AMENDMENTS TO THE SPECIFICATION

Please amend the paragraphs as follows:

[084] The optical pickup 202 has ~~an~~ a split photo detector for detecting the quantity of light and converting the detected quantity of light to electrical signals. The split photo detector can be divided, as shown in Fig. 3, into a predefined number of optical detecting elements, e.g., four optical detecting elements PDA, PDB, PDC and PDD in the signal track direction and the radial direction of the optical disc 201.A

[0110] The value VVFO1 (or VVFO3) is determined while holding the peak and the bottom of the VFO1 (or VFO3) signal and then ~~compared~~ comparing it with the voltage of the wobble center. Alternatively, the value VVFO1 (or VVFO3) is determined while holding the center of the VFO1 (or VFO3) signal and then ~~compared~~ comparing it with the voltage of the wobble center.

[0117] In a case where it is determined that detrack has occurred as the absolute value of the difference between the two potentials Vpp11 and Vpp12 is larger than the threshold VTh1, the magnitude and the direction of detrack are ~~[[be]]~~ detected from the absolute value and the sign of the potential difference, respectively.